SONY
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W-Series

DSC-WX10

16.2MP | 7x OPTICAL ZOOM | 2.8" LCD

Sony® DSC-WX10 – incredible power in a compact package. With powerful features like Full HD movie for high quality movies, low light performance for improved image clarity, up to 10 fps to capture the precise moment, and backlight correction to capture the detail in high contrast shots.

16.2 Megapixel Back-illuminated "Exmor R" CMOS Image Sensor

The DSC-WX10 features a 16.2 megapixel "Exmor R" CMOS image sensor that brings out the full resolving power of the camera's Carl Zeiss® Vario-Tessar® lens to deliver extremely fast speed, high resolution, and stunning low-light sensitivity with improved image clarity and drastically reduced grain. In addition, the combined "Exmor R" CMOS sensor and BIONZ® image processor delivers extremely fast up to 10fps, Anti-Motion Blur, Hand-held Twilight and 1080i movie modes.

2.8" Clear Photo LCD Plus™ display (460K dots)

Compose and show off your images on the large 2.8" (460K dots) Clear Photo LCD Plus™ display, which features a special anti-reflective coating for sharp visibility, even in bright sunlight.

7x (24mm) Professional-quality optical zoom G-Lens

G lenses are used in top of the line digital single lens reflex (DSLR) cameras and advanced pro-sumer HD camcorders. Capture the action up close with the 7x optical zoom. A wide angle of 24mm allows you to take wider shots of the scene or group in crowded spaces.

Full HD 1080/60i

Record crystal clear movies at the highest resolution available with capabilities for 60i in 1080 AVCHD™[6]. This provides stunning, fast motion video with less distortion for playback on your HD TV.[9]

Backlight Correction HDR

Don't miss a single detail in high contrast shots. The built in backlight correction analyzes the image and automatically adjusts accordingly to give you a perfectly lit shot. Backlight Correction HDR helps correct for this by taking three pictures at different exposure settings and processing the best elements of each into a single image for more natural looking shots.

Background Defocus

DSLR photographs are often beautiful because they blur the background, putting the emphasis on the subject. Now our point-and-shoot cameras can deliver this signature DSLR benefit. The system takes two shots, identifies the background and applies a defocused background keeping the subject crisp and clear.

Manual Operation

Sometimes automatic just won't do. The manual operation function puts the control back in your hands to get the shots that you want, how you want them. Make minor adjustments to white balance, Aperture Priority and Shutter Priority.

3D still image and 3D Sweep Panorama™

Produce awe-inspiring images with 3D still image and 3D Sweep Panorama™ capabilities.[7] Photos will take on a new dimension of creative capabilities for viewing the world in a whole new way.

Additional features:

- Optical SteadyShot™ image stabilization
- Intelligent Sweep Panorama™ HR mode for one shot landscapes in high resolution
- Superior Auto; awesome shots, automatically
- Hi-speed Linear focus allows focus lock to be achieved more quickly
- Digital Zoom; get closer to the movie action
- Soft Skin mode reduces visible blemishes, and wrinkles
- Natural Flash corrects color balance for lifelike shots
- HDMI™ output for easy connectivity
- Smile Shutter™ technology automatically captures a smile

Specifications

General	
Camera Type	Compact "Exmor R" CMOS camera
Image Device	1/2.3" (7.77mm) "Exmor R" CMOS Sensor
Effective Pixels Resolution	16.2MP
Processor	BIONZ®
Optics & Lens	
Lens Type	G Lens
Lens Construction	6 elements in 5 groups (including 5 aspheric elements)
Aperture Range	iAuto (F2.4/F7.1 (W), 2 steps with ND Filter) / Program Auto (F2.4/F7.1 (W), 2 steps with ND Filter) / Manual (F2.4/F7.1 (W), 2 steps with ND Filter)
Focal Length	4.28-30.0mm
35mm Equivalency	Still 16:9: 26-182mm /Still 4:3: 24-168mm / Movie 16:9: 26-182mm / Movie 4:3: 32-224mm
Optical Zoom	7x
Digital Zoom	Smart Zoom / Precision Digital Zoom / Off
Total Zoom	Approximately 28x with Precision Digital Zoom
LCD & Viewfinder	
LCD Type	2.8" Clear Photo LCD Plus™ (460K dots)
Viewfinder	-
Recording	
Media Slot	MS PRO Duo™ media / SD/SDHC media[10]
Still Images	16:9 12M (4,608 x 2,592) / 2M (1,920 x 1,080); 4:3 16M (4,608 x 3,456), 10M (3,648 x 2,736), 5M (2,592 x 1,944), VGA (640 x 480), 3D: 16M (4,608 x 3,456) / 16:9 (12M) (4,608 x 2,592); Panorama 2D: 7,152 x 1,080 (227deg) / 4,912 x 1,080 (156deg) / 4,912 x 1,920 (171deg) /3,424 x 1,920 (119deg), 3D: 7,152 x 1,080 (227deg) / 4,912 x 1,080 (156deg) / 4,912 x 1,920 (171deg) / 3,424 x 1,920 (119deg) / 1,920 x 1,080 (61deg)
Video	1,920 x 1,080 (FX) Approx. 24Mbps Approx. 60fps interlace / 1,920 x 1,080 (FH) Approx. 17Mbps Approx. 60fps interlace / 1,440 x 1,080 (HQ) Approx. 9Mbps Approx. 60fps interlace / 1,440 x 1,080 Approx. 12Mbps Approx. 30fps, Progressive / 1,280 x 720 Approx. 6Mbps Approx. 30fps, Progressive / 640 x 480 (VGA) Approx. 3Mbps Approx. 30fps, Progressive
Microphone / Speaker	Stereo / Mono
Focus	
Focus	9 points AF (Under Face Undetected) / Center Weighted AF / Flexible Spot AF / Semi Manual / Manual
Intelligent Auto Focus	Yes
Macro Mode	W: Approx. 5cm (0.16') to Infinity, T: Approx. 100cm (3.28') to Infinity
Exposure	
Exposure Metering	Multi Pattern / Center Weighted / Spot
Exposure Compensation	Plus / Minus 2.0EV, 1 / 3EV step
ISO	Auto / 125 / 200 / 400 / 800 / 1600 / 3200
Backlight Correction HDR	Yes
Dynamic Range Optimizer	Standard
White Balance	Auto / Daylight / Cloudy / Fluorescent 1 (White Fluorescent Lighting) / Fluorescent 2 (Natural White Fluorescent Lighting) / Fluorescent 3 (Day White Fluorescent Lighting) /Incandescent / Flash / One Push / White Balance Shift / One Push Set
Shutter	
Shutter Speed	iAuto (2" - 1/1600) / Program Auto (1" - 1/1600) / Manual (30" - 1/1600)
Burst Mode	Normal / Burst (Approx. 10 fps at 16.2MP (Maximum 10 shots))
Flash	
Flash Type	Built-In
Flash Effective Range	ISO Auto: Approx. 0.35-Approx. 7.1m (Approx. 1.15'-Approx. 23.3') (W) / Approx. 1.0- Approx. 2.9m (Approx. 3.28'-Approx. 9.51') (T), ISO3200: up to Approx. 10.1m (Approx. 33.1) (W) / Approx. 4.0m (Approx. 13.1') (T)
Flash Mode	Auto / On / Slow Syncro / Off

Features	
Scene Modes	High Sensitivity / Twilight / Twilight Portrait / Soft Snap / Landscape / Beach / Snow / Fireworks / Soft Skin / Gourmet / Pet
Image Stabilization	Optical SteadyShot™ image stabilization with Active Mode
GPS	-
Panorama	Sweep Panorama™ HR (Horizontal/ Vertical up to 227-degrees)
3D	3D still image / 3D Panorama / Sweep Multi Angle
Multi-shot layering	-
Intelligent Auto	Yes
Intelligent Scene Recognition	8 scenes
Face Detection	8 faces (Auto / Off / Child Priority / Adult Priority)
Motion Detection	Yes
Blink Detection	Yes
Smile Shutter™ Technology	Yes
Self-timer	Off / 10sec. / 2sec./ portrait1 / portrait2
In-Camera Editing	Trimming / Red Eye Correction / Unsharp Masking
TransferJet™ Technology	Yes[8]
Inputs & Outputs	
USB	Yes - USB 2.0 Hi-Speed
HD Video	Composite
SD Video	Yes
Power	
Supplied Battery	Lithium-ion NP-BG1 3.6V
Battery Life (Approx.)[27]	180
Number of Images (Approx.)[27]	360
Weights & Measurements	
Dimensions (Approx.)	3 7/8" x 2 1/8" x 15/16" (95.0mm x 53.5mm x 23.3mm)
Weights (Approx.)	Approx. 4.7 oz. (132g), body only; Approx. 5.7 oz. (161g) - With battery and Memory Stick PRO Duo media
Software	
Supplied Software	Picture Motion Browser Ver 5.5, PMB Portable 5.5 (for Windows), PMB Portable 1.3 (for Macintosh)[1]
Operating System Requirements	PMB and PMB Portable: Microsoft Windows XP SP3, Windows Vista SP2, Windows 7. PMB Portable also compatible with Macintosh OS® X (v10.4 - 10.6)
Service & Warranty	
Limited Term Warranty	Limited 1 Year Parts & Labor
Supplied Accessories	
Battery	Lithium-ion NP-BG1 3.6V
Battery Charger	AC-UB10
A/V Cable	-
USB Cable	Yes

Footnotes

1. PMB requires Microsoft® Windows® XP SP3/ Windows Vista® SP2/Windows 7. Software not supported by Mac OS. Movie format is compatible with iMovie® '09 or later versions.
6. Records in 29 minute segments.
7. Requires 3D HDTV, HDMI™ cable (at least 10.2 Gbps) and active 3D glasses (all sold separately).
8. TransferJet™ enabled media (sold separately) and TransferJet technology required in both devices.
9. HD viewing requires HD output adapter cable VMC-MD3 (sold separately) and HDTV with equivalent display capability.
10. When using movie mode Memory Stick PRO Duo with MARK2 logo, Memory Stick PRO-HG, Class 4 or higher for SD/SDHC/SDXC media are recommended.
27. Actual results may vary based on product settings, usage patterns and environmental conditions. Battery capacity decreases over time and use.

2.8" LCD

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